

FIG. 1

FLK-1	866	ILIHIGHHLNVNLLGACTKPGGPLMVIVEFSKFGNLSTYLRGKRNEFVPYKSKGARFRQ
KDR		-----C--D-----S-----T-----
TKR-C		-----C-----S-----
FLK-1	926	GKDYVGELSVDLKRRLDSITSSQSSASSGFVEEKSLSDVEEEEASEELYKDFTLEHLIC
KDR		-----AIP-----P-D-----
TKR-C		-----
FLK-1	986	YSFQVAKGMEFLASRKCIHRDLAARNILLSEKNVVKICDFGLARDIYKDPDYVRKGDARL
KDR		-----
TKR-C		-----

09765678.01234

FIG. 2A

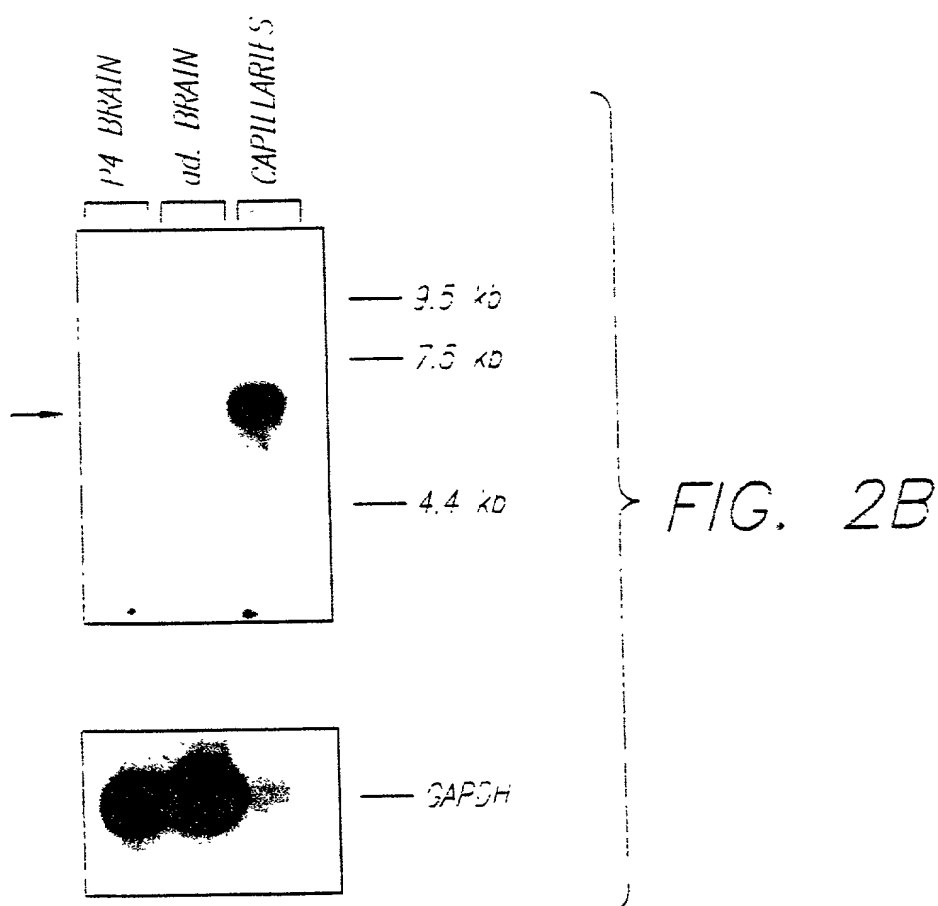
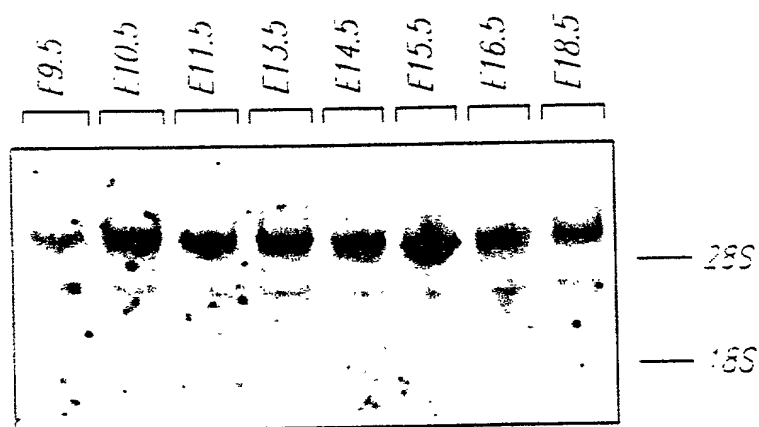


FIG. 3A

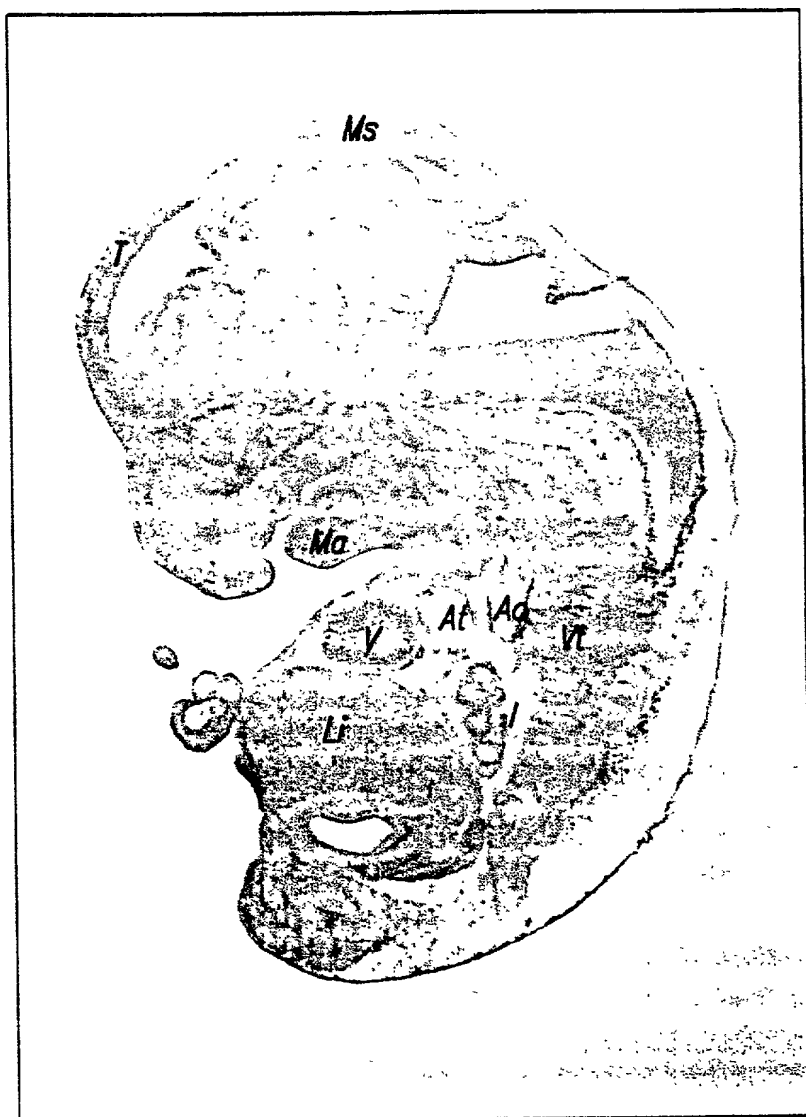
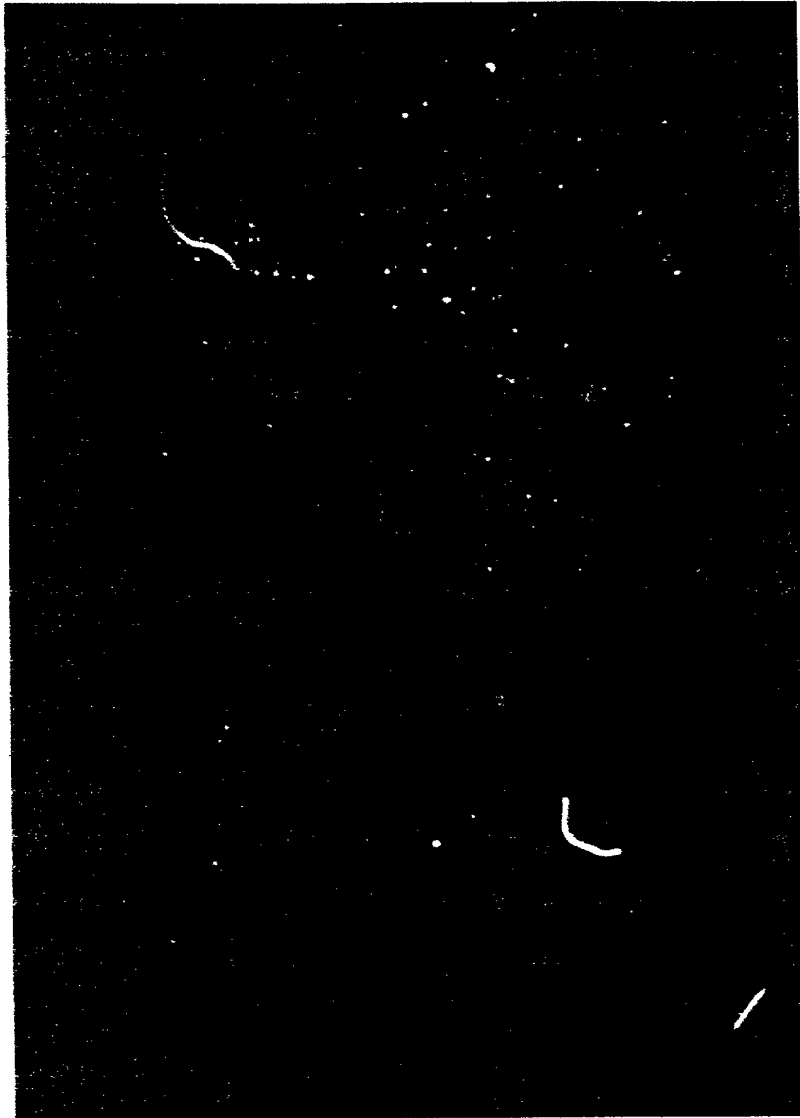


FIG. 3B



09766678.012301
FOEETO 87999760

FIG. 3C



09766679 012301

FIG. 4A

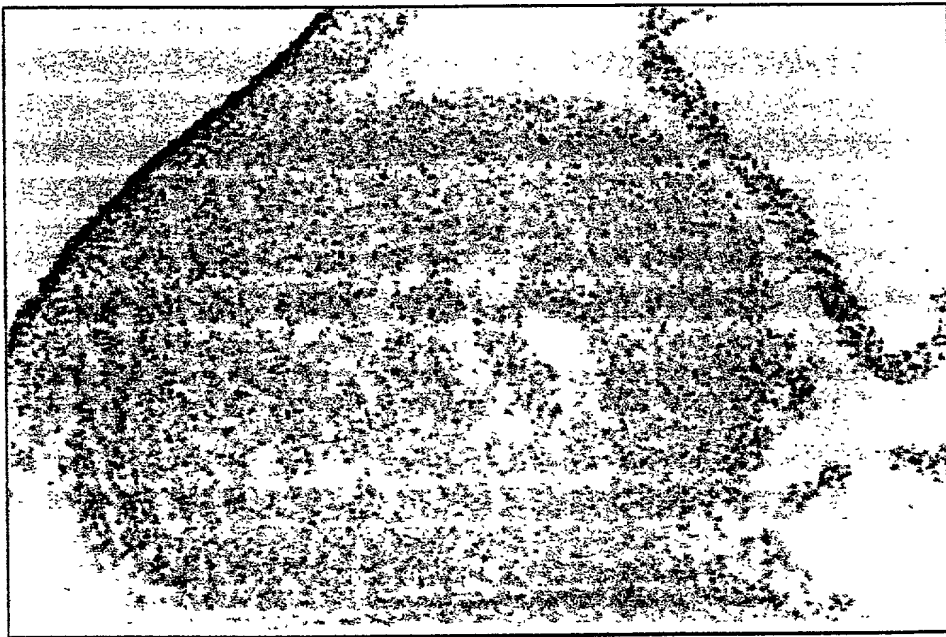
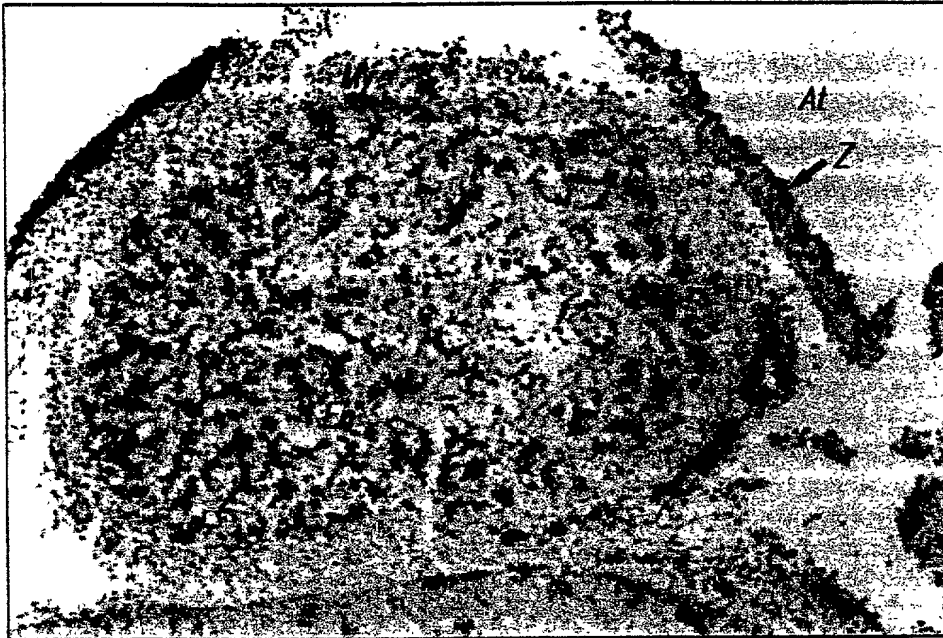


FIG. 4B

09766678.012301

FIG. 4C



FIG. 4D

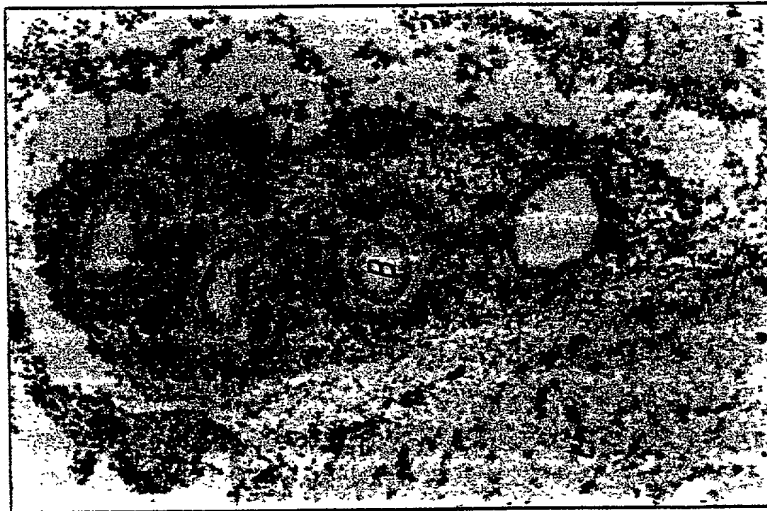


FIG. 4E

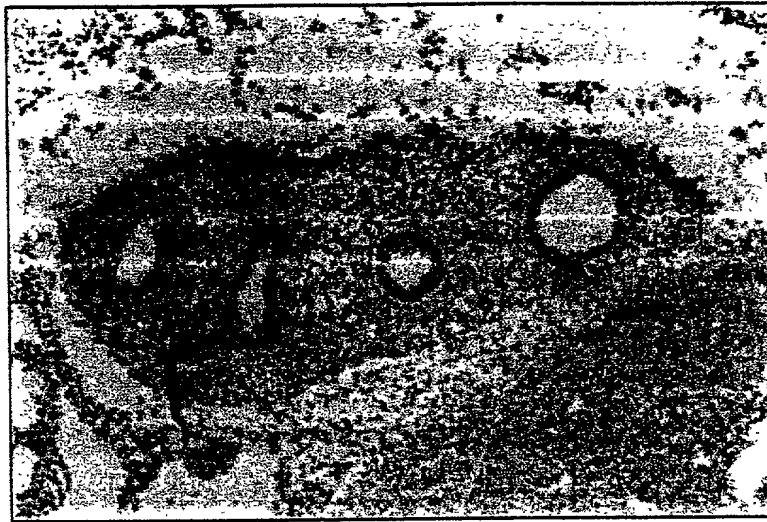


FIG. 5A

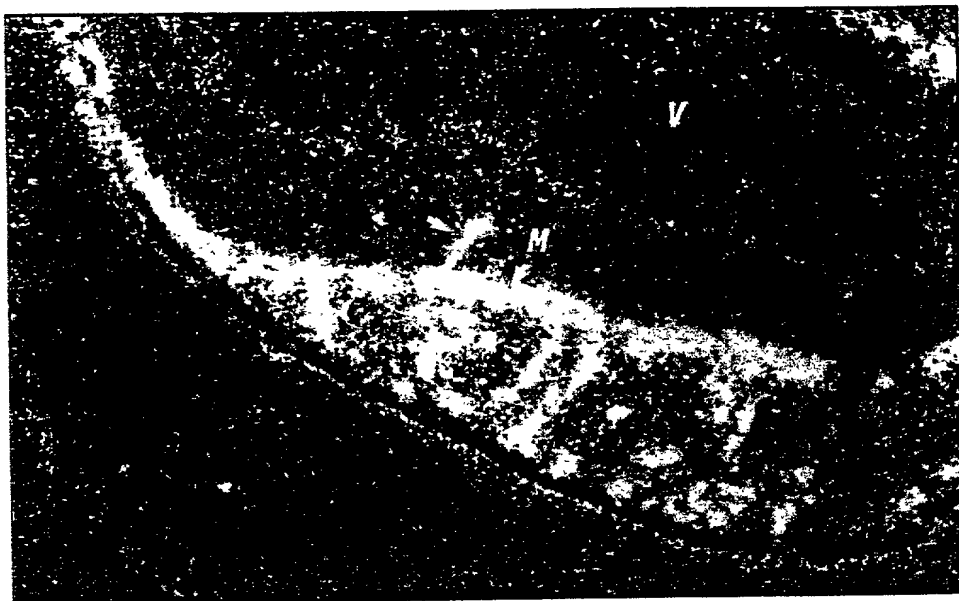


FIG. 5B

09766678-012301

FIG. 5C

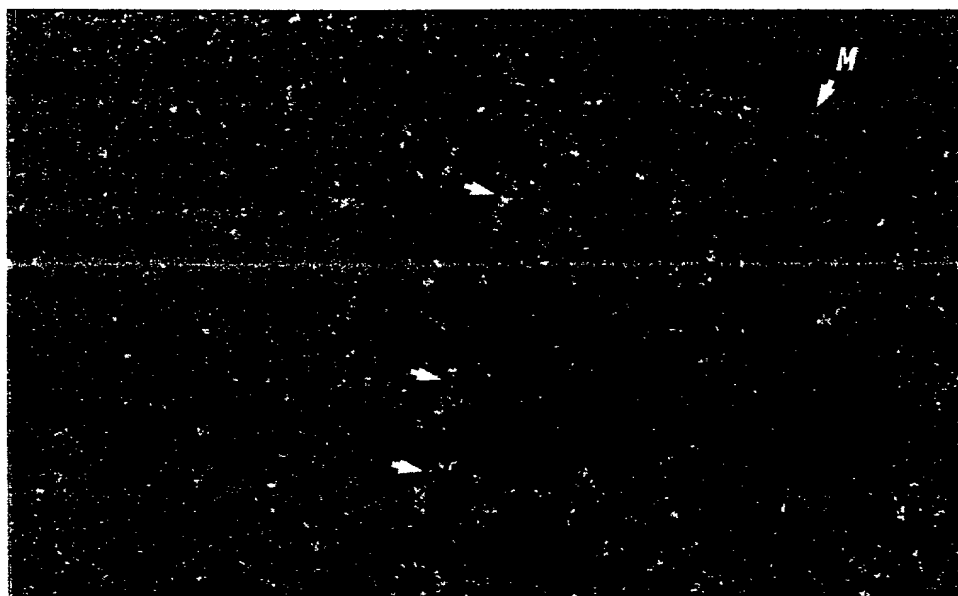
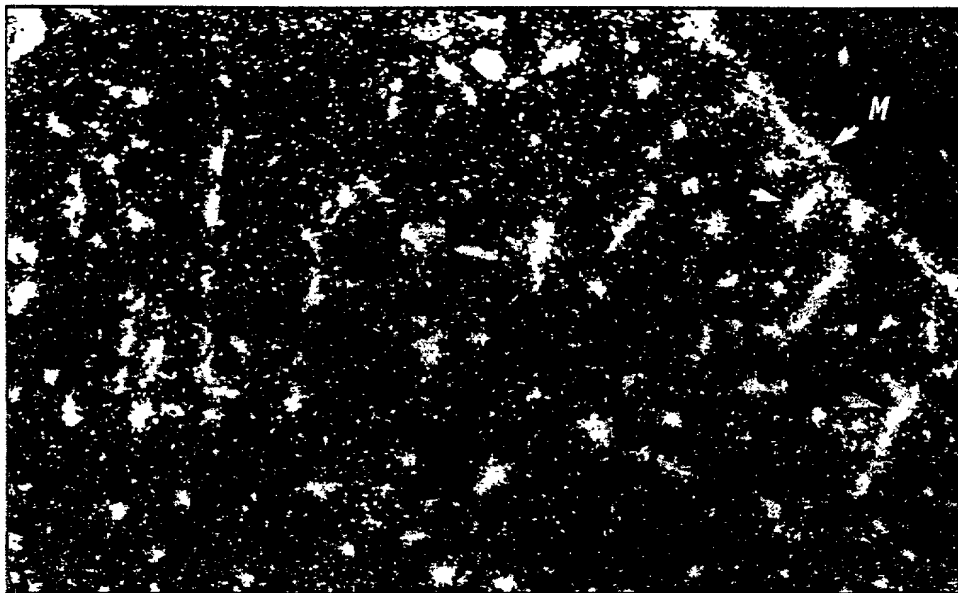


FIG. 5D

09766678.012301

FIG. 6A

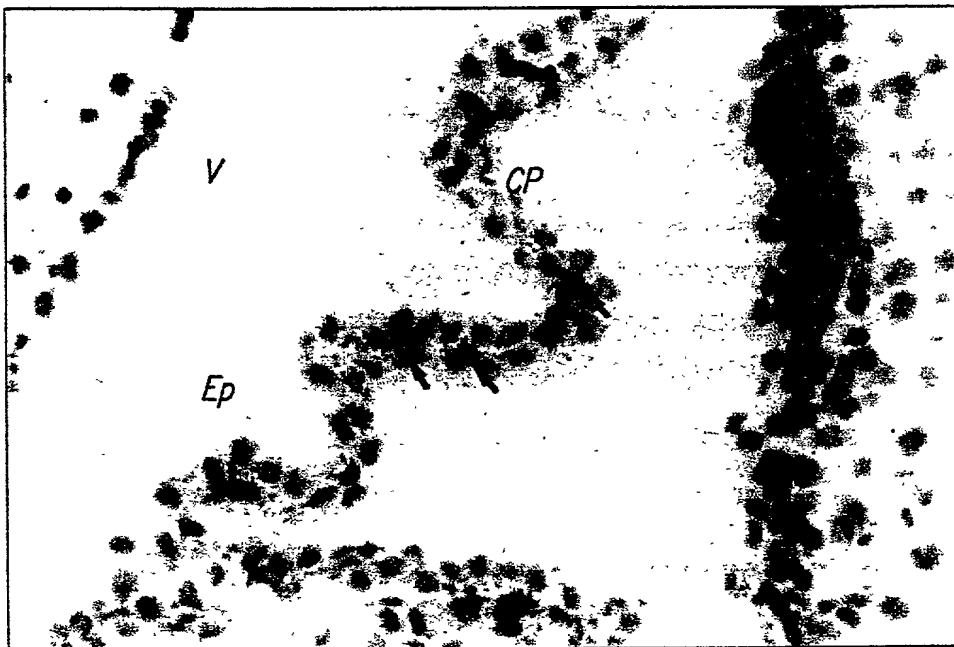
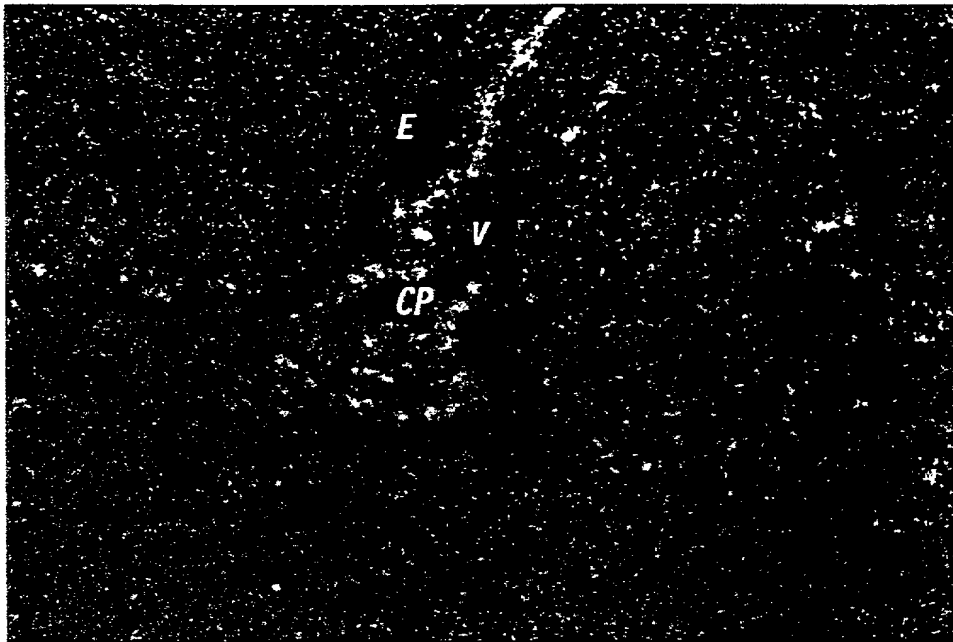


FIG. 6B

09766678.012301

FIG. 7A

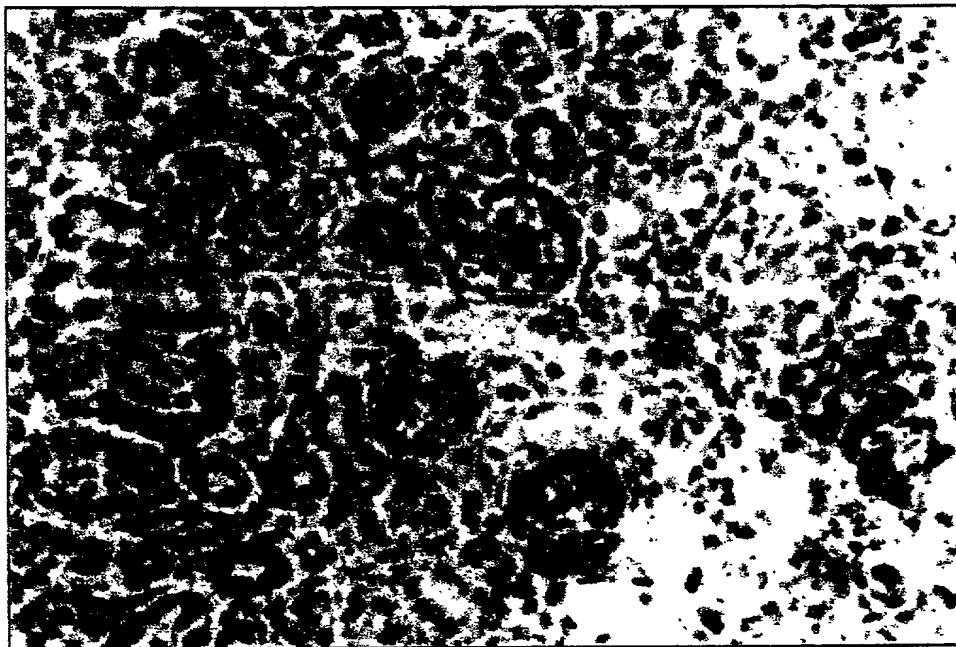
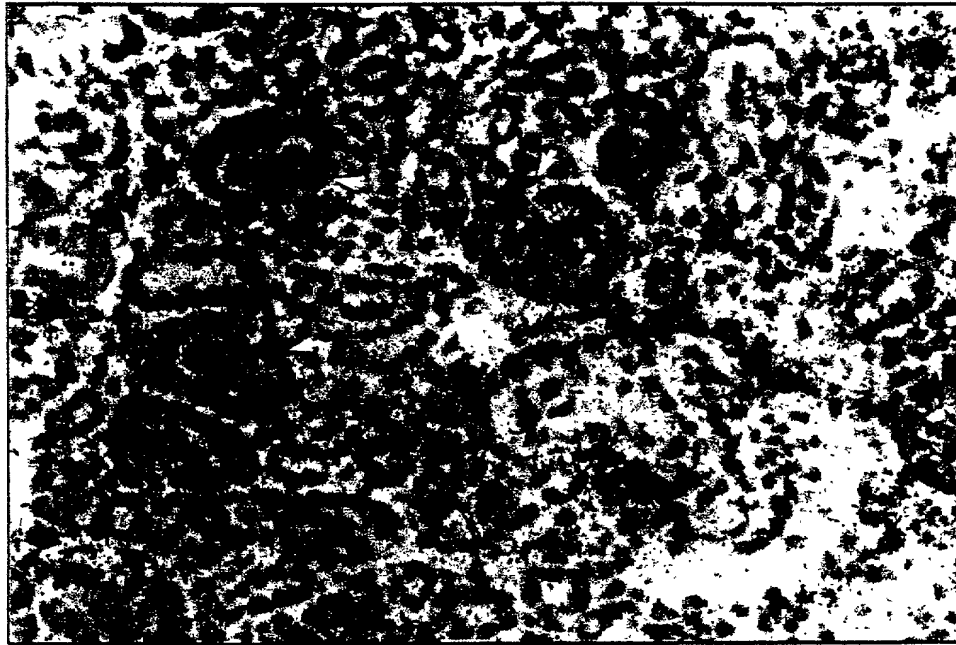


FIG. 7B

09766678.012301

FIG. 7C

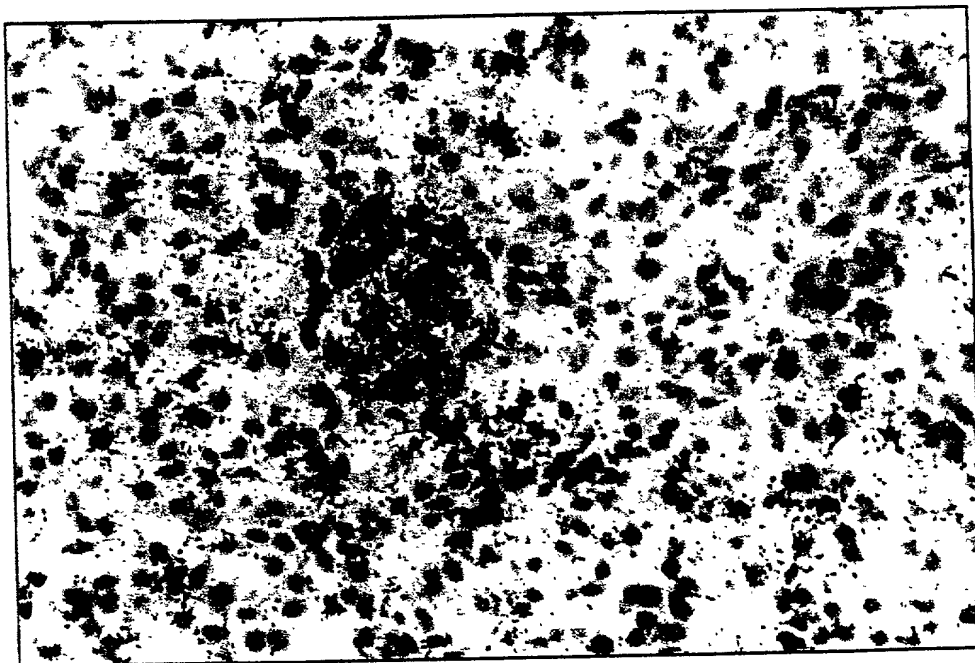


FIG. 7D

09766678.012301



FIG. 8A

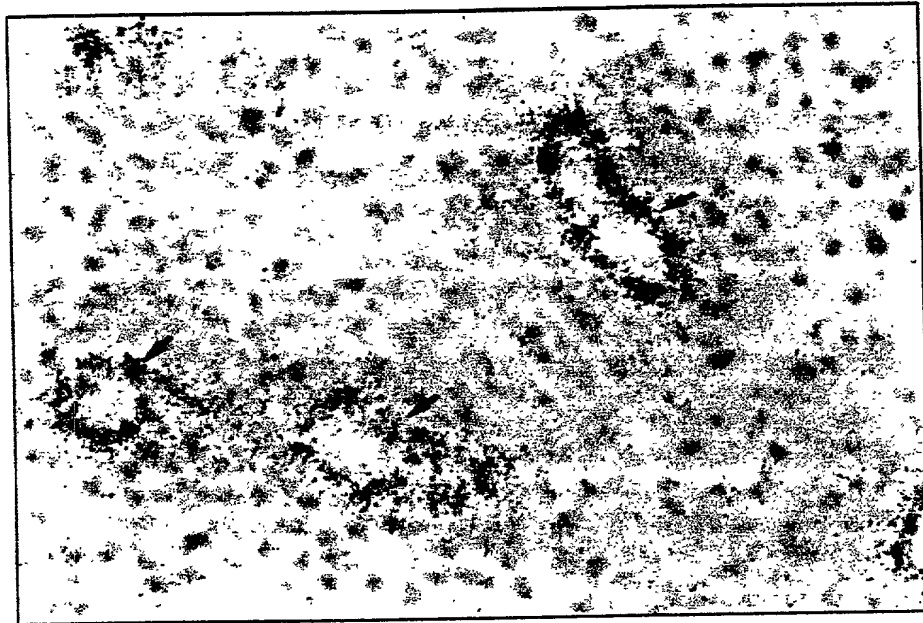


FIG. 8B

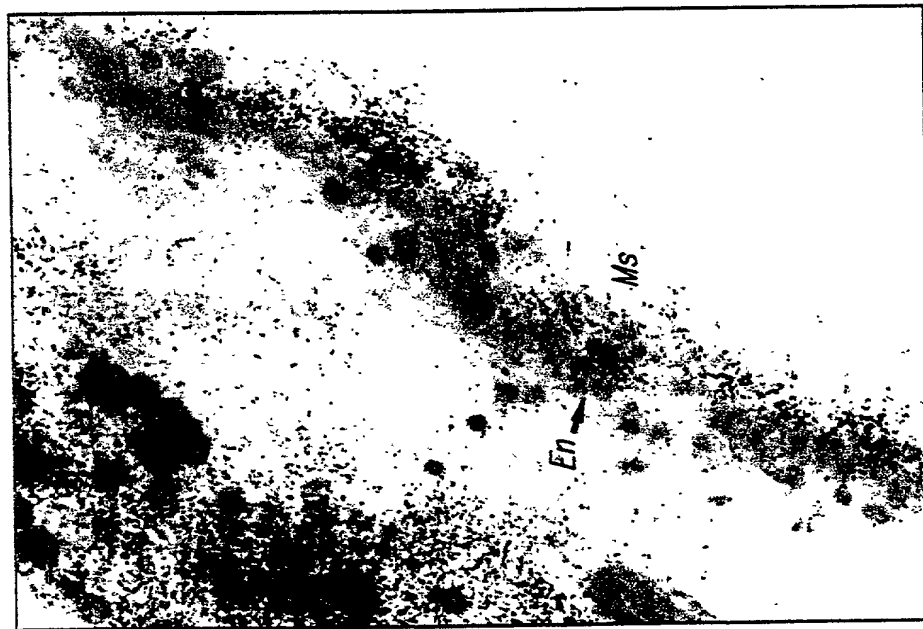


FIG. 8C

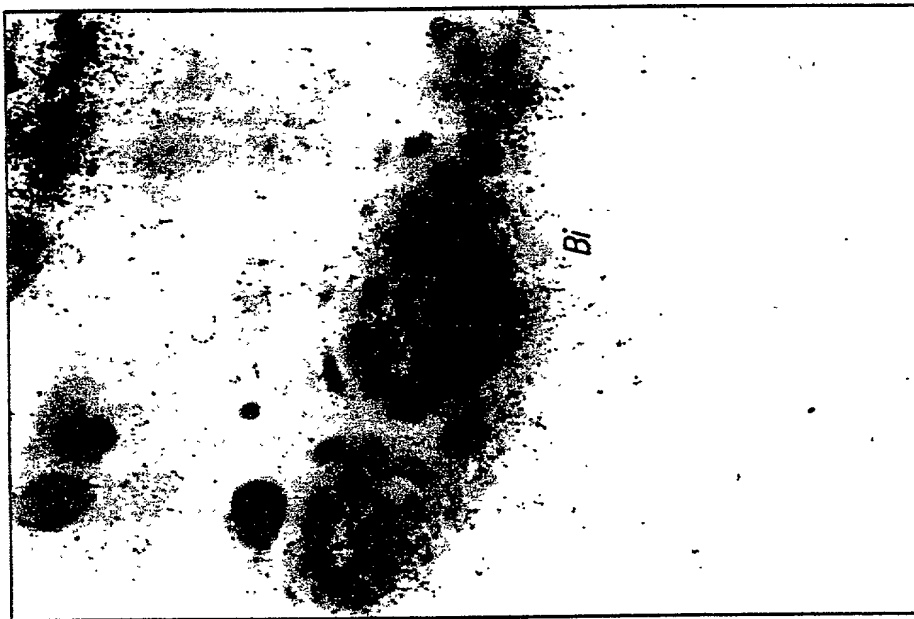


FIG. 8D

FIG. 9A

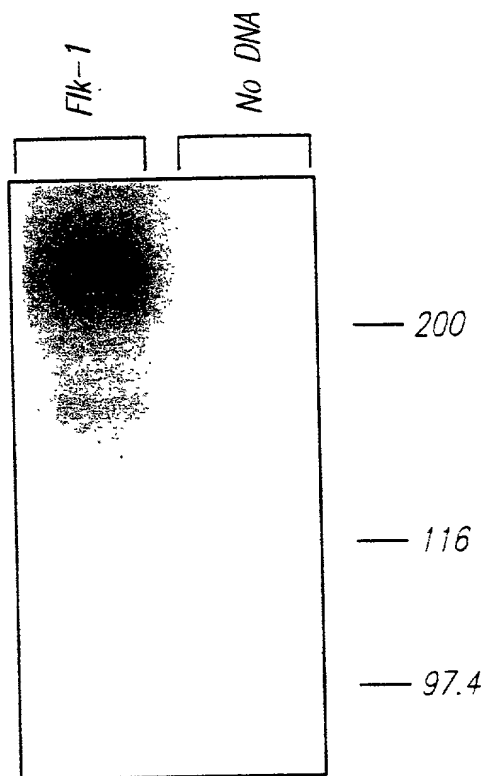


FIG. 10

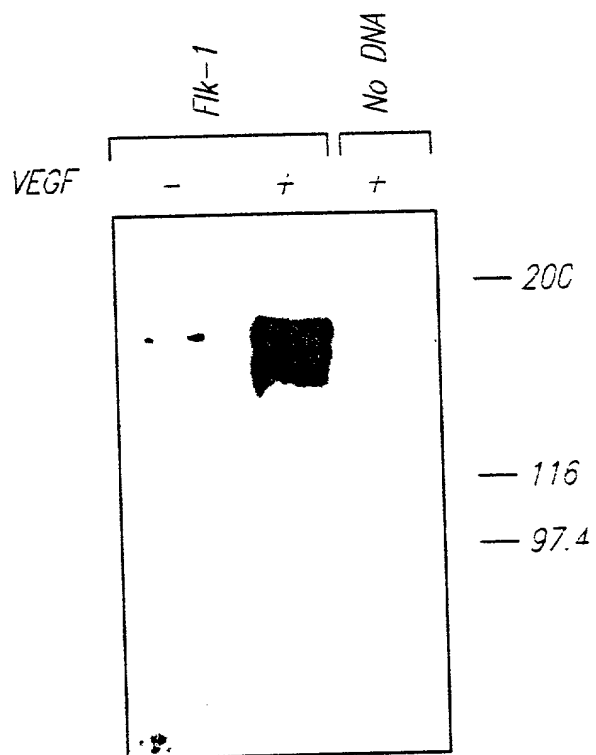


FIG. 11-1

CTGTGTCCCGCAGCCGGGATAACCTGGCTGACCCGATTCCGCGGACACCGCTGACAGCCGCGGCTGGAGCCAGGG 75
CGCCGGTGCCCCGCGCTCTCCCGGTCTTGCGCTGCGGGGGCCATACCGCCTCTGTGACTTCTTTGCGGGCCAGG 150
GACGGAGAAGGAGTCTGTGCCTGAGAACTGGGCTCTGTGCCAGGCGCGAGGTGCAGGATGGAGAGCAAGGCGC 225
M E S K A L

TGCTAGCTGTGCTCTGTGGTTCTGCGTGAGACCCGAGCCGCTCTGTGGGTTTGAAGGCGATTTTCTCCATC 300
L A V A L W F C V E T R A A S V G L T G D F L H P

CCCCAAGCTCAGCACACAGAAAGACATACTGACAATTTTGGCAAATACAACCCTTCAGATTACTTGCAGGGGAC 375
P K L S T Q K D I L T I L A N T T L Q I T C R G Q

AGCGGGACCTGGACTGGCTTTGGCCCAATGCTCAGCGTGATTCTGAGGAAAGGGTATTGGTGACTGAATGCGGCG 450
R D L D W L W P N A Q R D S E E R V L V T E C G G

GTGGTGACAGTATCTTCTGCAAAACACTCACCATTCCCAGGGTGGTTGGAAATGATACTGGAGCCTACAAGTGCT 525
G D S I F C K T L T I P R V V G N D T G A Y K C S

CGTACCGGGACGTGACATAGCCTCCACTGTTTATGTCTATGTTGAGATTACAGATCACCATTTCGCTCTG 600
Y R D V D I A S T V Y V Y V R D Y R S P F I A S V

TCAGTGACCAGCATGGCATCGTGACATCACCGAGAACAAGAACAAACTGTGGTGATCCCCTGCCGAGGGTGA 675
S D Q H G I V Y I T E N K N K T V V I P C R G S I

TTTCAAACCTCAATGTGTCTCTTTGCGCTAGGTATCCAGAAAAGAGATTGTTCGGATGGAACAGAATTTCT 750
S N L N V S L C A R Y P E K R F V P D G N R I S W

GGGACAGCGAGATAGGCTTTACTCTCCCCAGTTACATGATCAGCTATGCCGGCATGGTCTTCTGTGAGGCAAAGA 825
D S E I G F T L P S Y M I S Y A G M V F C E A K I

TCAATGATGAAACCTATCAGTCTATCATGTACATAGTTGTGGTTGTAGGATATAGGATTTATGATGTGATTCTGA 900
N D E T Y Q S I M Y I V V V V G Y R I Y D V I L S

GCCCCCGCATGAAATTGAGCTATCTGCCGAGAAAACTGTCTTAAATTGTACAGCGAGAACAGAGCTCAATG 975
P P H E I E L S A G E K L V L N C T A R T E L N V

TGGGGCTTGATTTACCTGGCACTCTCCACCTTCAAAGTCTCATATAAGAAGATTGTAAACCGGGATGTGAAAC 1050
G L D F T W H S P P S K S H H K K I V N R D V K P

CCTTTCTGGGACTGTGGCGAAGATGTTTTTGAGCACCTTGACAATAGAAAGTGTGACCAAGAGTGACCAAGGGG 1125
F P G T V A K M F L S T L T I E S V T K S D Q G E

AATACACCTGTGTAGCGTCCAGTGGACGGATGATCAAGAGAAATAGAACATTTGTCCGAGTTCACACAAAGCCTT 1200
Y T C V A S S G R M I K R N R T F V R V H T K P F

TTATTGCTTTCCGGTAGTGGGATGAAATCTTTGGTGGAAGCCACAGTGGGCAGTCAAGTCCGAATCCCTGTGAAGT 1275
I A F G S G M K S L V E A T V G S Q V R I P V K Y

ATCTCAGTTACCCAGCTCCTGATATCAAATGGTACAGAAATGGAAGGCCCATTTGAGTCCAACCTACACAATGATTG 1350
L S Y P A P D I K W Y R N G R P I E S N Y T M I V

09766678.012301

FIG. 11-2

TTGGCGATGAACTCACCATCATGGAAGTGAAGTGAAGAGATGCAGGAACTACACGGTCATCCTCACCAACCCCA 1425
 G D E L T I M E V T E R D A G N Y T V I L T N P I
 TTTCAATGGAGAAACAGAGCCACATGGTCTCTCTGGTTGTGAATGTCCACCCCAGATCGGTGAGAAAGCCTTGA 1500
 S M E K Q S H M V S L V V N V P P Q I G E K A L I
 TCTCGCCTATGGATTCTTACCAGTATGGGACCATGCAGACATTGACATGCACAGTCTACGCCAACCTCCCTGC 1575
 S P M D S Y Q Y G T M Q T L T C T V Y A N P P L H
 ACCACATCCAGTGGTACTGGCAGCTAGAAGAAGCCTGCTCTACAGACCCGGCCAAACAAGCCGATGCTTGTA 1650
 H I Q W Y W Q L E E A C S Y R P G Q T S P Y A C K
 AAGAATGGAGACACGTGGAGGATTTCCAGGGGGGAAACAAGATCGAAGTCACCAAAACCAATATGCCCTGATTG 1725
 E W R H V E D F Q G G N K I E V T K N Q Y A L I E
 AAGGAAAAACAAAACCTGTAAGTACGCTGGTTCATCCAAGCTGCCAAGTGTGAGCGTTGTACAAATGTGAAGCCA 1800
 G K N K T V S T L V I Q A A N V S A L Y K C E A I
 TCAACAAAGCGGGACGAGGAGAGAGGGTTCATCTCCTTCCATGTGATCAGGGGTCTGAAATTACTGTGAACCTG 1875
 N K A G R G E R V I S F H V I R G P E I T V Q P A
 CTGCCCAGCCAACTGAGCAGGAGAGTGTGTCCCTGTTGTGCACTGCAGACAGAAATACGTTTGAGAACCTCACGT 1950
 A Q P T E Q E S V S L L C T A D R N T F E N L T W
 GGTACAAGCTTGGCTCACAGGCAACATCGGTCCACATGGGCGAATCACTCACACCAGTTTGCAAGAACTGGATG 2025
 Y K L G S Q A T S V H M G E S L T P V C K N L D A
 CTCTTTGGAACTGAATGGCACCATGTTTTCTAACAGCACAAATGACATCTTGATTGTGGCATTTCAGAATGCCT 2100
 L W K L N G T M F S N S T N D I L I V A F Q N A S
 CTCTGCAGGACCAAGGCGACTATGTTTGCTCTGCTCAAGATAAGAAGACCAAGAAAAGACATTGCCTGGTCAAAC 2175
 L Q D Q G D Y V C S A Q D K K T K K R H C L V K Q
 AGCTCATCATCTAGAGCGCATGGCACCCATGATCACCGGAAATCTGGAGAATCAGACAACAACATTGGCGAGA 2250
 L I I L E R M A P M I T G N L E N Q T T T I G E T
 CCATTGAAGTGAAGTGGCCAGCATCTGGAAATCTACCCACACATTACATGGTTCAAAGACAACGAGACCCTGG 2325
 I E V T C P A S G N P T P H I T W F K D N E T L V
 TAGAAGATTGAGGATTGTACTGAGAGATGGGAACCGGAACCTGACTATCCGAGGGTGAGGAAGGAGGATGGAG 2400
 E D S G I V L R D G N R N L T I R R V R K E D G G
 GCCTCTACACCTGCCAGGCCTGCAATGTCTTGGCTGTGCAAGAGCGGAGACGCTCTTCATAATAGAAGGTGCC 2575
 L Y T C Q A C N V L G C A R A E T L F I I E G A Q
 AGGAAAAGACCAACTTGAAGTCATTATCCTCGTCGGCACTGCAGTGATTGCCATGTTCTTCTGGCTCCTTCTTG 2550
 E K T N L E V I I L V G T A V I A M F F W L L L V
 TCATTGTCCTACGGACCGTTAAGCGGGCCAATGAAGGGGAACTGAAGACAGGCTACTTGTCTATTGTCATGGATC 2625
 I V L R T V K R A N E G E L K T G Y L S I V M D P

096678.012201

FIG. 11-3

CAGATGAATTGCCCTTGGATGAGCGCTGTGAACGCTTGCCTTATGATGCCAGCAAGTGGGAATTCCCAGGGACC 2700
D E L P L D E R C E R L P Y D A S K W E F P R D R

GGCTGAAACTAGGAAAACCTCTTGGCCGCGGTGCCTTCGGCCAAGTGATTGAGGCAGACGCTTTTGAATTGACA 2775
L K L G K P L G R G A F G Q V I E A D A F G I D K

AGACAGCGACTTGCAAAACAGTAGCCGTCAAGATGTTGAAAGAAGGAGCAACACACAGCGAGCATCGAGCCCTCA 2850
T A T C K T V A V K M L K E G A T H S E H R A L M

TGTCTGAACTCAAGATCCTCATCCACATTGGTCACCATCTCAATGTGGTGAACCTCCTAGGCGCCTGCACCAAGC 2925
S E L K I L I H I G H L N V V N L L G A C T K P

CGGGAGGGCCTCTCATGGTGATTCTGCAATTCTCGAAGTTTGGAAACCTATCACTTACTTACGGGGCAAGAGAA 3000
G G P L M V I L Q F S K F G N L S T Y L R G K R N

ATGAATTTGTTCCCTATAAGAGCAAAGGGGCACGCTTCCGCCAGGGCAAGGACTACGTTGGGGAGCTCTCCGTGG 3075
E F V P Y K S K G A R F R Q G K D Y V G E L S V D

ATCTGAAAAGACGCTTGGACAGCATCACCAGCAGCCAGAGCTCTGCCAGCTCAGGCTTTGTTGAGGAGAAATCGC 3150
L K R R L D S I T S S Q S S A S S G F V E E K S L

TCAGTGATGTAGAGGAAGAAGAAGCTTCTGAAGAACTGTACAAGGACTTCTGACCTTGAGCATCTCATCTGTT 3225
S D V E E E E A S E E L Y K D F L T L E H L I C Y

ACAGCTTCCAAGTGGCTAAGGGCATGGAGTTCTTGGCATCAAGGAAGTGTATCCACAGGGACCTGGCAGCACGAA 3300
S F Q V A K G M E F L A S R K C I H R D L A A R N

ACATTCTCCTATCGGAGAAGAATGTGGTTAAGATCTGTGACTTCGGCTTGGCCCGGGACATTTATAAAGACCCGG 3375
I L L S E K N V V K I C D F G L A R D I Y K D P D

ATTATGTCAGAAAAGGAGATGCCCGACTCCCTTTGAAGTGGATGGCCCCGGAACCATTTTTGACAGAGTATACA 3450
Y V R K G D A R L P L K W M A P E T I F D R V Y T

CAATTGAGAGCGATGTGTGGTCTTTTCGGTGTGTTGCTCTGGGAAATATTTTCCTTAGGTGCCTCCCATACCTG 3525
I Q S D V W S F G V L L W E I F S L G A S P Y P G

GGGTCAAGATTGATGAAGAATTTTGTAGGAGATTGAAAGAAGGAAGTGAATGCGGGCTCCTGACTACACTACCC 3600
V K I D E E F C R R L K E G T R M R A P D Y T T P

CAGAAATGTACCAGACCATGCTGGACTGCTGGCATGAGGACCCCAACCAGAGACCCTCGTTTTTCAGAGTTGGTGG 3675
E M Y Q T M L D C W H E D P N Q R P S F S E L V E

AGCATTTGGGAAACCTCCTGCAAGCAAATGCGCAGCAGGATGGCAAAGACTATATTGTTCTTCCAATGTCAGAGA 3750
H L G N L L Q A N A Q Q D G K D Y I V L P M S E T

CACTGAGCATGGAAGAGGATTCTGGACTCTCCCTGCCTACCTCACCTGTTTCTGTATGGAGGAAGAGGAAGTGT 3825
L S M E E D S G L S L P T S P V S C M E E E E V C

GCGACCCCAAATTCATTATGACAACACAGCAGGAATCAGTCATTATCTCCAGAACAGTAAGCGAAAGAGCCGGC 3900
D P K F H Y D N T A G I S H Y L Q N S K R K S R P

09766678 012201

FIG. 11-4

CAGTGAGTGTA AAAACATTTGAAGATATCCCATTTGGAGGAACCAAGTAAAAGTGATCCAGATGACAGCCAGA 3975
 V S V K T F E D I P L E E P E V K V I P D D S Q T
 CAGACAGTGGGATGGTCCTTGCATCAGAAGAGCTGAAAACCTGGAAGACAGGAACAAATTATCTCCATCTTTTG 4050
 D S G M V L A S E E L K T L E D R N K L S P S F G
 GTGGAATGATGCCAGTAAAGCAGGGAGTCTGTGGCCTCGGAAGGCTCCAACCAGACCAGTGGCTACCAGTCTG 4125
 G M M P S K S R E S V A S E G S N Q T S G Y Q S G
 GGTATCACTCAGATGACACAGACACCACCGTGTACTCCAGCGACGAGGCAGGACTTTTAAAGATGGTGGATGCTG 4200
 Y H S D D T D T T V Y S S D E A G L L K M V D A A
 CAGTTCACGCTGACTCAGGGACCACACTGAGCTCACCTCCTGTTTAAATGGAAGTGGTCCTGTCCCGGCTCCGCC 4275
 V H A D S G T T L S S P P V
 CCCAACTCCTGGAAATCACGAGAGAGGTGCTGCTTAGATTTTCAAGTGTTGTTCTTTCCACCACCCGGAAGTAGC 4350
 CACATTTGATTTTCATTTTGGAGGAGGGACCTCAGACTGCAAGGAGCTTGTCTCAGGGCATTTCAGAGAAGA 4425
 TGCCCATGACCCAAGAATGTGTTGACTCTACTCTCTTTTCCATTCATTTAAAAGTCTATATAATGTGCCCTGCT 4500
 GTGGTCTCACTACCAGTTAAAGCAAAAGACTTTCAAACACGTGGACTCTGTCTCCAAGAAGTGGAACGGCACC 4575
 TCTGTGAAACTGGATCGAATGGGCAATGCTTTGTGTGTTGAGGATGGGTGAGATGTCCAGGGCCGAGTCTGTCT 4650
 ACCTTGAGGCTTTGTGGAGGATGCGGGCTATGAGCCAAGTGTTAAGTGTGGGATGTGGACTGGGAGGAAGGAAG 4725
 GCGAAGCCGTCGGAGAGCGGTTGGAGCCTGCAGATGCATTGTGCTGGCTCTGGTGGAGGTGGGCTTGTGGCCT 4800
 GTCAGGAAACGCAAGGCGGCCGCGCAGGGTTTGGTTTTGGAAGGTTTGCCTGCTCTTCACAGTCGGGTTACAGGC 4875
 GAGTTCCTGTGGCGTTTCTACTCCTAATGAGAGTTCCTTCCGACTCTTACGTGTCTCCTGGCCTGGCCCCAG 4950
 GAAGGAAATGATGCAGCTTGCTCCTTCTCATCTCTCAGGCTGTGCCTTAATTCAGAACACCAAAAGAGAGGAAC 5025
 GTCGGCAGAGGCTCCTGACGGGGCCGAAGAATTGTGAGAACAGAACAGAACTCAGGGTTTCTGCTGGGTGGAGA 5100
 CCCACGTGGCGCCCTGGTGGCAGGTCTGAGGGTTCTCTGTCAAGTGGCGGTAAAGGCTCAGGCTGGTGTCTTCC 5175
 TCTATCTCCACTCCTGTGAGGCCCCCAAGTCTCAGTATTTTAGCTTTGTGGCTTCTGATGGCAGAAAAATCTT 5250
 AATTGGTTGGTTTGCTCTCCAGATAATCACTAGCCAGATTTGAAATTACTTTTTAGCCGAGGTTATGATAACAT 5325
 CTA CTGTATCCTTTAGAATTTTAACCTATAAACTATGTCTACTGGTTTCTGCCTGTGTGCTTATGTT 5393

096678 01294
 100000 82999650

05766678.012301

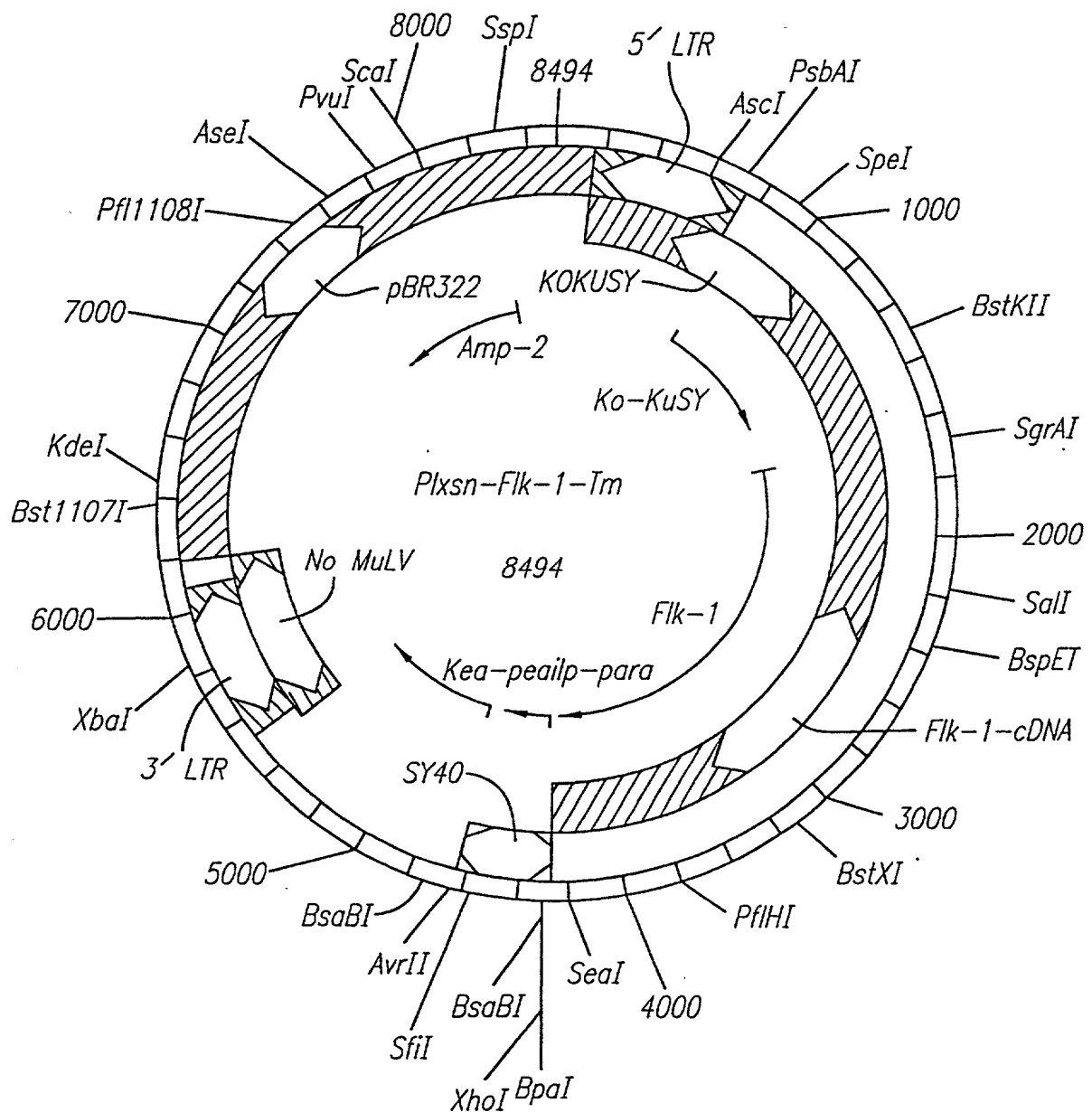


FIG. 12A

09766678.012301

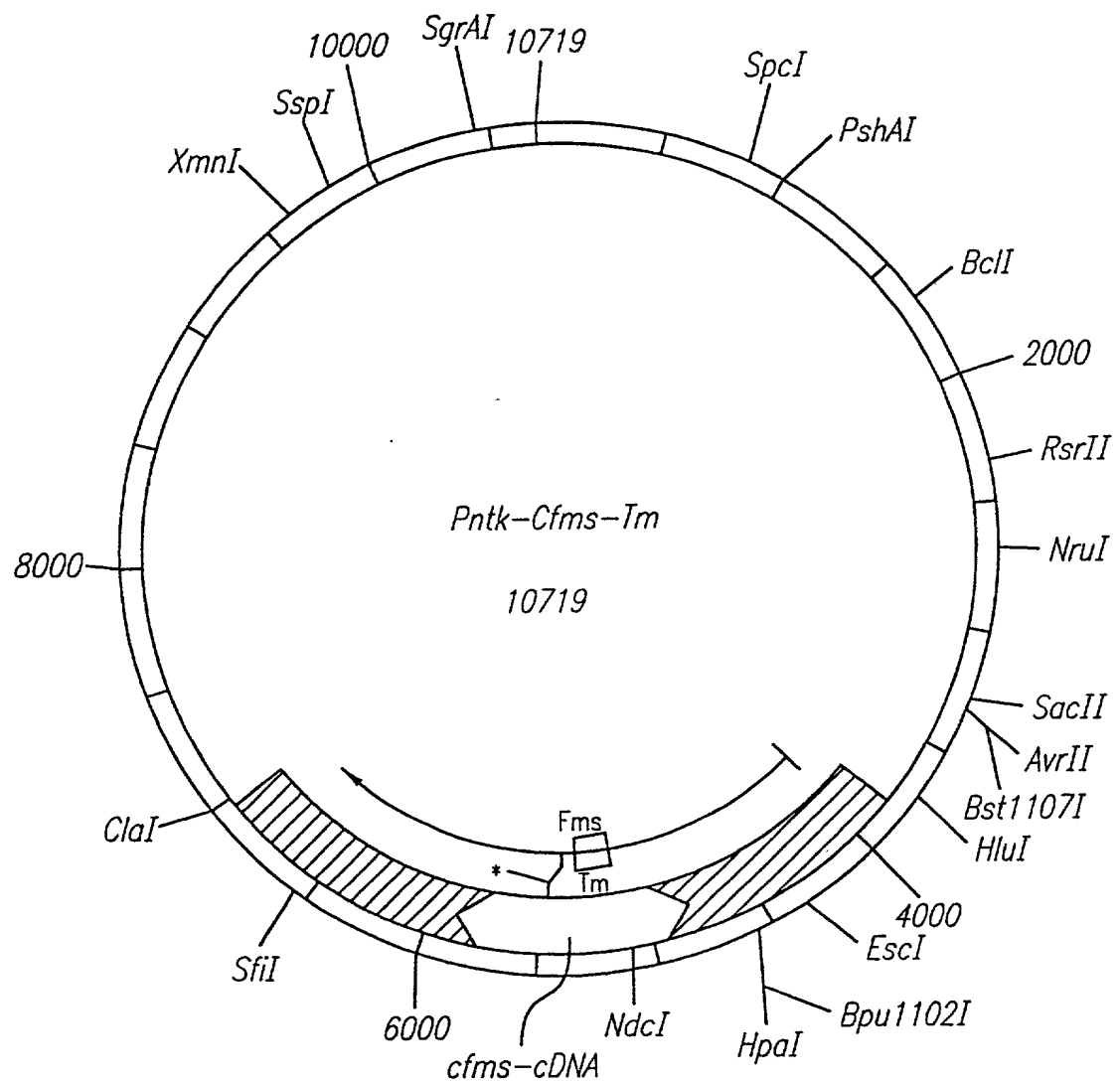


FIG. 12B

FIG. 9B

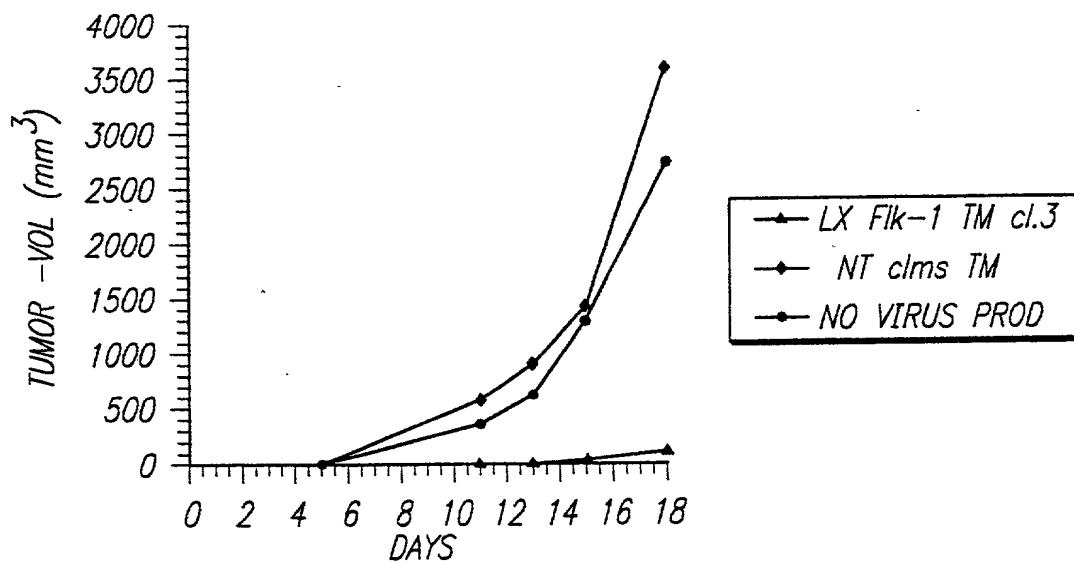
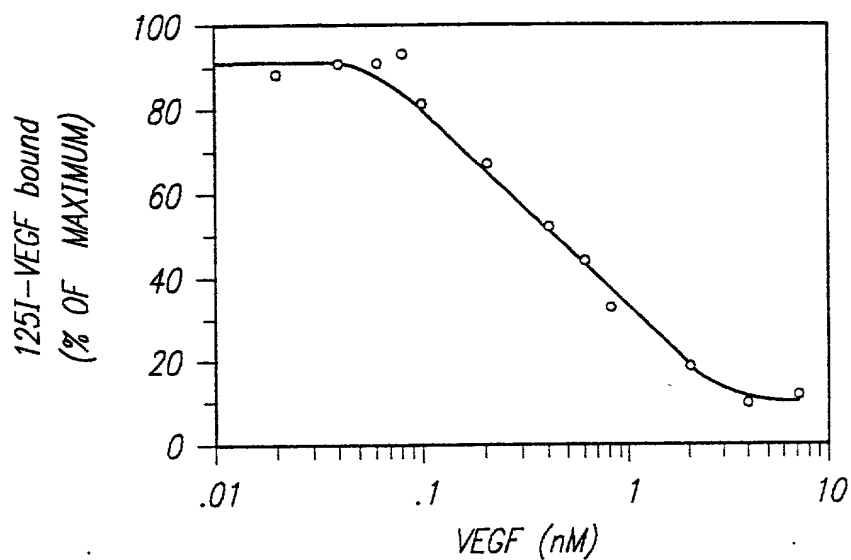


FIG. 13

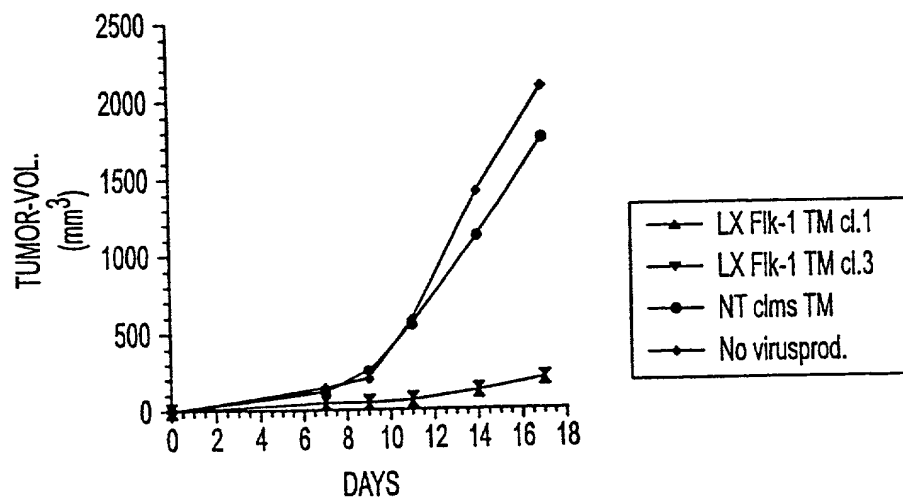


FIG. 14

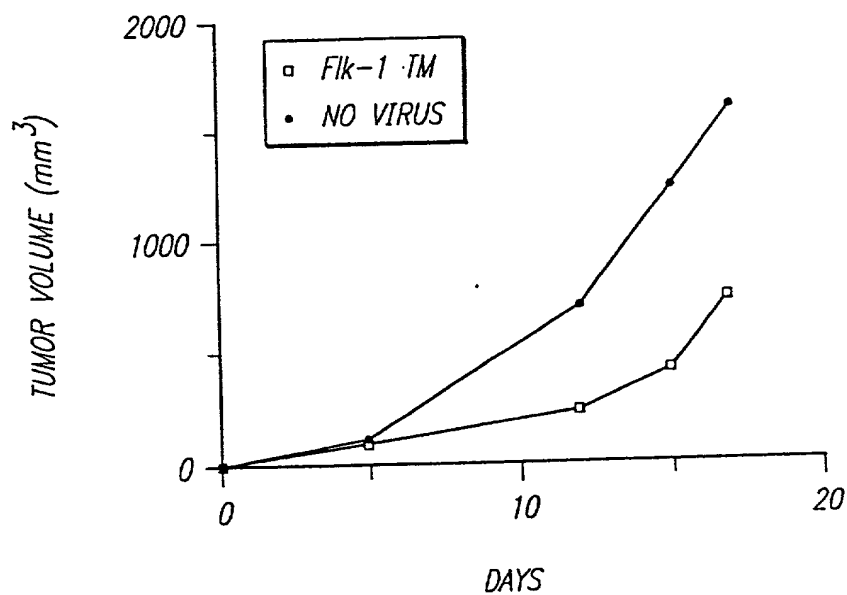


FIG. 15

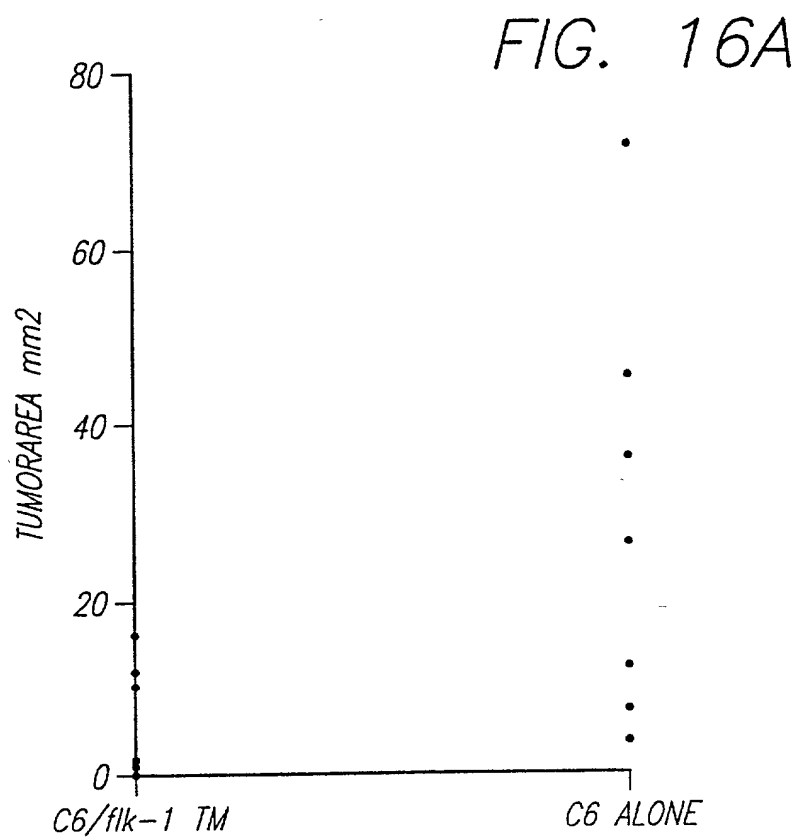


FIG. 16B

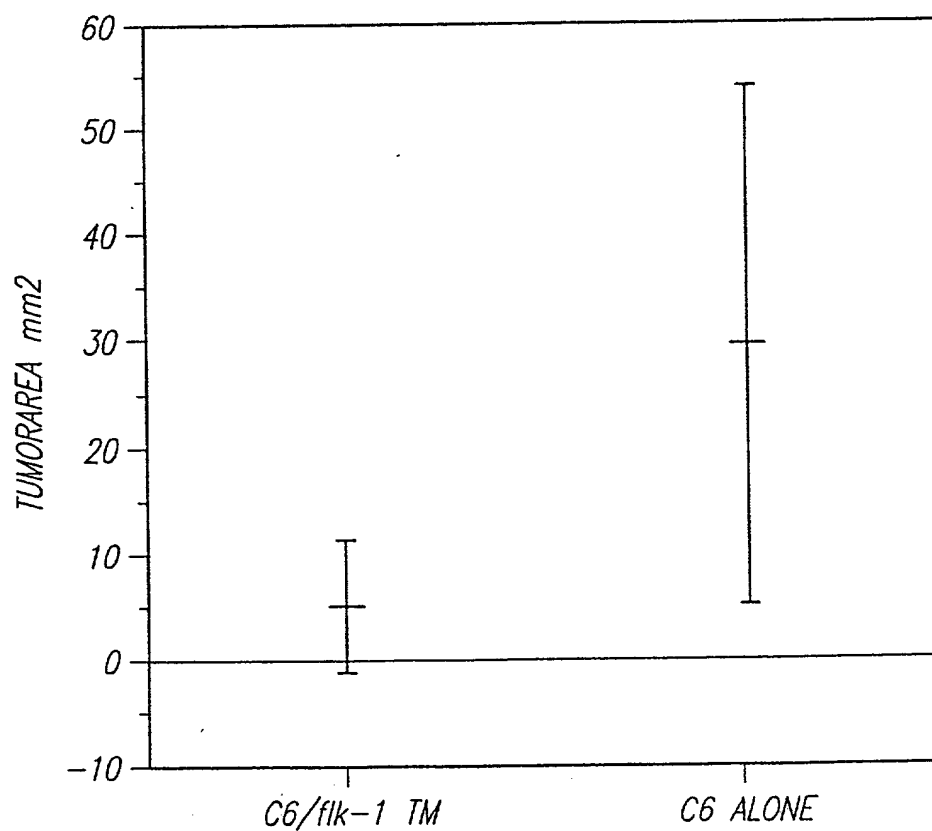


FIG. 17

FLK-1

